

FORM PTO-1449

U. S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

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U 015123-3

10/814,856

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT

MURALI SASTRY et al.

FILING DATE

GROUP

03/31/2004

(Use several sheets if necessary)

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	FILING DATE IF APPROPRIATE
AA				

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

MD	AB	Yu, Shu-Hong, et al. "Growth and Self-Assembly of BaCrO ₄ and BaSO ₄ Nanofibers toward Hierarchical and Repetitive Superstructures by Polymer-Controlled Mineralization Reactions", <i>NANO Letters</i> (2003), 3(3): 379-382
	AC	Donners, Jack J.J.M. et al. "A Shape-Persistent Polymeric Crystallization Template for CaCO ₃ ", <i>J. Am. Chem. Soc.</i> (2002), 124: 9700-9701
	AD	Aizenberg, Joanna et al. "Oriented Growth of Calcite Controlled by Self-Assembled Monolayers of Functionalized Alkanethiols Supported on Gold and Silver", <i>J. Am. Chem. Soc.</i> (1999), 121: 4500-4509
	AE	Sastry, Murali et al. "Crystallization of SrCO ₃ within thermally evaporated fatty acid films: unusual morphology of crystal aggregates", <i>CrystEngComm</i> (2001), 21: 1-3
	AF	Landau, Ehud M. et al. "Transfer of structural information from Langmuir monolayers to three-dimensional growing crystals", <i>Nature</i> (1985), 318: 353-356
	AG	Uzgiris, Egidijus E. and Roger D. Kornberg. "Two-dimensional crystallization technique for imaging macromolecules, with application to antigen-antibody-complement complexes", <i>Nature</i> (1983), 301: 125-129
	AH	Qi, Limin, et al. "Reverse Micelle Based Formation of BaCO ₃ Nanowires", <i>J. Phys. Chem. B.</i> (1997), 101(18):3460-3463
	AI	Rautaray, Debabrata et al. "Morphology of BaSO ₄ Crystals Grown on Templates of Varying Dimensionality: The Case of Cysteine-Capped Gold Nanoparticles (0-D), DNA (1-D), and Lipid Bilayer Stacks (2-D)", <i>Crystal Growth & Design</i> (2002), 2(3): 197-203
	AJ	Sastry, Murali et al. "Langmuir-Blodgett Films of Carboxylic Acid Derivatized Silver Colloidal Particles: Role of Subphase pH on Degree of Cluster Incorporation", <i>J. Phys. Chem. B.</i> (1997), 101(25): 4954-4958
	AK	Tian, Yongchi et al. "Fluorescence Activation and Surface State Reactions of Size-Quantized Cadmium Sulfide Particles in Langmuir-Blodgett Films", <i>J. Phys. Chem.</i> (1994), 98(18): 4913-4918
	AL	Yang, Jianping et al. "Epitaxial Growth of Size-Quantized Cadmium Sulfide Crystals under Arachidic Acid Monolayers", <i>J. Phys. Chem.</i> (1995), 99(15): 5500-5504
	AM	Rees, Gareth D. et al. "Formation and Morphology of Calcium Sulfate Nanoparticles and Nanowires in Water-in-Oil Microemulsions", <i>Langmuir</i> (1999), 15(6): 1993-2002
MD	AN	Taleb, A. et al. "Synthesis of Highly Monodisperse Silver Nanoparticles from AOT Reverse Micelles: A Way to 2D and 3D Self-Organization", <i>Chem. Mater.</i> (1997), 9(4): 950-959

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MD	AB	Travaille, A. Markus, et al. "Aligned Growth of Calcite Crystals on a Self-Assembled Monolayer", <i>Advanced Materials</i> (2002), 14(7): 492-495
	AC	Damle, Chinmay et al. "Growth of Calcium Carbonate Crystals within Fatty Acid Bilayer Stacks", <i>Langmuir</i> (2002), 18(16): 6075-6080
	AD	Urquhart, Robert S. et al. "Studies of the Formation and Growth of Q-State Cadmium Selenide Particles in Cadmium Arachidate Langmuir-Blodgett Films", <i>Langmuir</i> (1995), 11(4): 1127-1133
	AE	Rautaray, Debabrata et al. "SrCO ₃ Crystals of Ribbonlike Morphology Grown within Thermally Evaporated Sodium Bis-2-ethylhexylsulfosuccinate Thin Films", <i>Langmuir</i> (2003), 19(3): 888-892
	AF	Heywood, Brigid R. and Stephen Mann. "Template-Directed Inorganic Crystallization: Oriented Nucleation of Barium Sulfate under Langmuir Monolayers of an Aliphatic Long Chain Phosphonate", <i>Langmuir</i> (1992), 8(5): 1492-1498
	AG	Li, Mei and Stephen Mann. "Emergence of Morphological Complexity in BaSO ₄ Fibers Synthesized in AOT Microemulsions", <i>Langmuir</i> (2000), 16(17): 7088-7094
	AH	Heywood, Brigid R. and Stephen Mann. "Organic Template-Directed Inorganic Crystallization: Oriented Nucleation of BaSO ₄ under Compressed Langmuir Monolayers", <i>J. Am. Chem. Soc.</i> (1992), 114(12): 4681-4686
	AI	Küther, Jörg et al. "Templated Crystallisation of Calcium and Strontium Carbonates on Centred Rectangular Self-Assembled Monolayer Substrates", <i>Chem. Eur. J.</i> (1998), 4(9): 1834-1842
↓	AJ	Lao, Jing Yu et al. "Hierarchical ZnO Nanostructures", <i>NANO Letters</i> (2002), 2(11): 1287-1291
MD	AK	Yu, Shu-Hong et al. "Control of the Morphogenesis of Barium Chromate by Using Double-Hydrophilic Block Copolymers (DHBCs) as Crystal Growth Modifiers", <i>Chem. Eur. J.</i> (2002), 8(13): 2937-1945
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